



TEST UNIT

Max. test field: 406 mm (X) x 325 mm (Y)
16.0 in (X) x 12.8 in (Y)
both sides, DD or SD

Test point density: DD 70 mil or SD 100 mil

Fixture heights 3¾ inch both sides

Electric motor driven 4-spindle actuation with plane parallel pressure, upper test unit 90° swivelling.

TEST ELECTRONICS

Standard electronic modules with 1024 test channels with exchangeable interfaces for DD 0.4 in x 12.8 in 1024 test points per module

Max. contact field 16 in x 12.8 in

FIXTURE

Fixture building with Magic Suite™ ValuGrid®
ValuGrid® EXAline-format for full grid cassette

TEST PARAMETERS

Test current: up to 50 mA, programmable
Test voltage: 10 V - 250 V, programmable
Continuity test: 10 Ohm - 10 kOhm, depends on fixture
Isolation test: programmable up to 10 MOhm,
option programmable up to 100 MOhm

TRANSFER UNIT

Paternoster load weight: max. 80 kg
Stackers load weight: max. 80 kg
Stackers load height: max. 350 mm (13.8 in)

Non-stop operation stackers, throughput of 800 boards/h with 5000 TP, test to the edge with retracting belts.

DIAGNOSIS

Automatic self test up to component level, very service friendly through easy access to all essential components.

TESTABLE BOARDS

Thickness: up to 4.0 mm (0.16 in)
Maximal size: 432 (X) x 356 (Y) mm,
17 in (X) x 14 in (Y)
Minimal size: 76 (X) x 64 mm (Y),
3 in (X) x 2.5 in (Y)
Outside shape: 2 sides parallel, recess of lateral edges allowed, except at corners
Board sag: max. 1% of product Y-dimension
X-dimension ≥ Y-dimension
Weight: no limit

DATA FORMAT

Input: netlist data (ANF-format) or IPC-D-356/A
Learning: self learning from good sample
Output: fault data for repair or verification with atg flying probe testers

NETWORK

Ethernet, TCP/IP, NFS

OPTIONAL EXTENSIONS

- Resistance test 10 Ohm - 100 MOhm, ±10%
- Electrical offset recognition for alignment with piezo offset correction
- Label marking system

OPERATION

Fully automatic mode, easy loading, easy access to test area

Software: graphical user interface, several languages, including Chinese user interface

ENVIRONMENTAL CONDITIONS

Temperature: 18° C - 25° C (64° F - 77° F)
Rel. humidity: 45 % - 65 % (10 MOhm)
45 % - 55 % (100 MOhm option)

SUPPLY

Power: 3 x 400 V, 50 Hz
3 x 208 V, 60 Hz (option)
Power consumption: 6000 VA
Compressed air: 6 bar, about 90 psi (filtered)
Weight: about 1800 kg



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